

### IN THE CLAIMS

Kindly enter the following amendments to claims 1, 22:

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- A2
1. (amended) A computer implemented method for arranging polymers for combinatorial synthesis of said polymers on a substrate comprising:  
obtaining a list of polymers to be synthesized; and  
assigning each said polymers to a spatial location for synthesis by minimizing edge count.
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- A3
22. (amended) A computer software product for arranging polymers for combinatorial synthesis of said polymers on a substrate comprising:  
code for obtaining a list of polymers to be synthesized; and  
code for assigning each said polymers to a spatial location for synthesis by minimizing edge count.
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### **REMARKS**

Applicant has amended Claim 1. Support for the amendment for claim 1 is found throughout the application and is particularly found at page 3, lines 20-22, page 4, lines 1-3 and page 4, line 12. Applicant has amended Claim 22. Support for the amendment for claim 22 is found throughout the application and is particularly found at page 5, lines 17-22, and page 6, lines 1-6.

Applicant respectfully request reconsideration of the pending rejection and reexamination of the present claims in light of the amendments and the remarks detailed below. It is submitted that no new matter has been introduced by the present amendments and entry of the same is respectfully requested.

By these amendments, the Applicant does not acquiesce to the propriety of any of the Examiner's rejections and do not disclaim any subject matter to which Applicant are entitled.

### ***Election/Restriction***

Applicant acknowledges the election of Group I, claims 1-3 and 22-24 which are being considered by the Examiner.